

# **Boy Scout Requirements Information Packets at Wertheim National Wildlife Refuge**

**September 2016**

## **Notes and information about the "Scout Program" for Wertheim personnel:**

The following materials cover requirements for various Boy Scout badges. These are activities that cover requirements for BOTH the Cub Scout Program and the Boy Scout Program.

Generally ... the Cub Scout program boys will be in the age range of 7 through 10 year years old, and the Boy Scout program has boys in ages 11 through 17.

Both program groups will have volunteer leadership that should always come in the form of two, or more, adults arriving with the Scouts. You should expect at least one of the adults to accompany and be physically present with the Scout, or Scouts, when you are presenting, supervising or assisting with an activity. Again, generally ... as a BSA personal safety and security policy, you, or any adult, are never to be alone with the Scout or Scouts.

The various badge requirements are appropriate to the age levels and you can expect the skill sets of the Scouts to be age appropriate as well. The specific badge requirement the Scout(s) need to complete, requires only the completion of the "written description" of that requirement(s). Additional information can be presented and discussed as agreed upon, but is not required to "satisfy" a badge's requirements.

A library box of Scout Books is provided at the Visitor Center desk as reference for Wertheim personnel and visiting Scouts and their leaders. The books should be utilized in activity planning and completion of the requirements while the Scouts are on-site. The materials in this guide will give you a quick overview of the various requirements that are possible at the Wertheim Refuge. Many activities do not require Wertheim personnel to participate.

IF ... you are willing, the Scout Program is always in need of people whose professional, hobby, or general life experiences make them very knowledgeable in specific areas of skill. In a file enclosed, there are registration materials for the Scouting program you can fill-out and become a registered and certified Scout counselor. It will require some on-line training (BSA-Youth Protection), the certificates for the course(s) completed and an "Adult Application" to be presented to the local Scout Council (the supervising entity) for your certification.

The local council is:

Suffolk County Council  
The Boy Scouts of America (abbrv.- BSA)  
7 Scouting Blvd Oust off Horseblock & Industrial) Medford, NY 11763  
(631) 924-7000

Once you complete the registration form and attach your on-line training certificate, forward (or drop off) a sealed envelope to the attention of the Council Advancement Committee, at the above address.

# **The Cub Scout Program at Wertheim National Wildlife Refuge Long Island Refuge Complex**

Refuge hours are sunrise to sunset  
340 Smith Road  
Shirley, NY 11967  
(631) 286-0485

Office hours are 8am to 4pm- Monday through Friday  
Visitor Center hours are 9am to 4pm- Monday through Saturday

## **CUB SCOUT PROGRAM**

**Advancement steps:** Tiger   Wolf   Bear   Webelos

### **TIGER- Backyard Jungle**

Requirement 1'- Page 33 1-Foot Hike-  
Examine a one square foot area for its  
contents

Requirement 2 - Page 36 Point out 2  
different kinds of birds

Requirement 4- Page 39 Build a Bird  
House {This is an activity that could be  
scheduled}

Requirement 5 - Page 41 Take a walk and  
Identify 2 different sounds

### **TIGERS in the WILD**

Requirements 2 & 4 - Pages 97 & 101 Go  
for a short hike & Identify 3 different  
plants, animals, or signs of such

Requirement 6- Page 104 Identify 2  
different trees and 2 different plants

Requirement 3A, B, & C- Pages 14 & 15  
and pages 98-100 The Outdoor  
Code and No Trace Principles

Requirement 6 - Page 106 Visit a  
Nature Center

### **WOLF - Call of the Wild**

Requirement 3 - Page 39 On an  
outing identify four different types of  
animals

**WOLF**-Council Fire  
Requirement 4B- Page 59 For  
service opportunities, check with the  
Refuge Office (Volunteer Coordinator)

### **WOLF - Paws on the Path**

Requirement 5-Page 102-103 and pages  
13-15 Recite the Outdoor Code &  
Principals of No Trace before hiking  
Discuss respecting wildlife

Requirement 6-Page 104 Go on a 1 mile  
hike, observe and record

**BEAR - Fur, Feathers, and Ferns**  
Requirement 1 - Page 73 While  
hiking, identify 6 different "signs",  
animals, and plants & review the Outdoor  
Code and No Trace

Requirement 3 - Page 81 Visit a wildlife  
refuge (or zoo, nature center, etc.)

Requirement 4 - Page 82 Observe wildlife  
(use the Scout's homemade periscope)

Requirement 5 - Page 84 Use a  
magnifying glass to examine plants

Requirement 6- Page 86 Learn about  
composting (the refuge has both  
composting & recycling programs)

### **WEBELOS**- Walkabout

Requirement 3-Page 103 Poisonous plants  
(and insects and dangerous animals)

Requirement 6 - Page 112 Go on a 3  
mile hike (the connector trail and long  
loop of the White Oak Trail)

Requirement 7-Page 115 For  
service opportunities, check with the  
Refuge Office (Volunteer Coordinator)

### **WEBELOS** - Into the Wild

Requirement 3- Page 434 Watch  
birds for 1 week and record your finds

Requirement 4-Page 436 Learn about bird  
flyways

Requirement 5 -Page 437 Watch 4  
or more creatures in the wild, record and  
describe

Requirement 6-Page 440 Identify a  
creature found only in your area, explain  
and discuss

Requirement 8-Page 445 Learn about  
aquatic ecosystems, explain and discuss

Requirement 9A- Page 446 Visit a  
nature center (zoo, museum of natural  
history), tell about it

### **WEBELOS** -Into the Woods

Requirement 2 & 3- Page 454 & page 456  
Identify 6 kinds of trees and 6  
different plants, explain and discuss

Requirement 4 &- Page 457 Visit a  
nature center and speak with someone  
knowledgeable about native trees

Requirement 7-Page 462 learn  
about tree growth rings and bark, explain  
and discuss

### **WEBELOS**- Project Family

Requirement 5- Page 509 Create a  
community service project list and  
complete 1 project with family, For service  
opportunities, check with the Refuge  
Office (Volunteer Coordinator)

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through Friday  
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## **BOY SCOUT PROGRAM**

**Advancement steps:** Scout Tenderfoot Second Class First Class Star Life Eagle

From the **Boy Scout Handbook** and the **Boy Scout Requirements books**, the following is a guide to advancement activities connected with the Refuge.

**SCOUT** Nothing specific to the Refuge

### **TENDERFOOT**

Requirement 1c How to practice the  
Outdoor Code on an outing Requirement 4b  
Identify local poisonous plants

Requirement 7b Complete a total of one  
hour of service For service opportunities, check  
with the Refuge Office (Volunteer Coordinator)

### **SECOND CLASS**

Requirement 3b Take a 5 mile hike  
(combine the White Oak & Black Tupelo Trails)  
Requirement 4 Identify or show evidence  
of at least 10 kinds of wild animals

Requirement 7b Complete a total of two  
hours of service For service opportunities, check  
with the Refuge Office (Volunteer Coordinator)

### **FIRST CLASS**

Requirement 4b Demonstrate and use a  
GPS unit then navigate to a destination

Scouts can use the Secrets of the Forest course  
on the Black Tupelo Trail

Requirement 5a Identify 10 native plants  
to the area

Requirement 9b Investigate an  
environmental issue in the community  
examples: invasive, habitat degradation, etc.

Requirement 9d Complete a total of three hours  
of service for service opportunities, check with  
the Refuge Office (Volunteer Coordinator)

### **STAR**

Requirement 4 Complete a total of six  
hours of service for service opportunities, check  
with the Refuge Office (Volunteer Coordinator)

### **LIFE**

Requirement 4 Complete a total of six  
hours of service 3 hours (or more) of the  
service must be conservation related for service  
opportunities, check with the Refuge Office  
(Volunteer Coordinator)

### **EAGLE**

Requirement 5 This requirement has a  
Scout plan, develop and give leadership to  
others, in a service project to the benefit of an  
institution in the community. This special  
project will require multiple approvals through  
the Scouting organization and should be a  
noteworthy  
and/or significant benefit to the recipient  
organization.

In the development and completion of an "Eagle  
Project" project, the Refuge would need a  
specific individual to partner, coordinate and  
assist in the project completion.

## **BOY SCOUT MERIT BADGES**

From the Boy Scout Merit Badge Series books, the following is a guide to Merit Badge activities connected with the Refuge. From time to time the Wertheim National Wildlife Refuge may have a BSA certified MB Counselor on staff for one or more of the Merit Badges. Please check with the Refuge Office {Volunteer Coordinator} about Counselors or meetings with staff.

### **FISH AND WILDLIFE MANAGEMENT MB**

The requirements for this Merit Badge can be completed at the refuge with a guest MB Counselor or with Wertheim Refuge Personnel when available. Please check with check with the Refuge Office (Volunteer Coordinator).

### **NATURE MB**

Requirement 4a1 Identify 8 species of birds

Requirement 4b1 & 4b2 Identify 3 species of wild mammals and plaster cast their tracks

Requirement 4c2 Identify 3 species of reptiles or amphibians

Requirement 4c3 Recognize 1 species of frog or toad by voice, OR identify 1 reptile or amphibian by signs

Requirement 4g1 Identify 15 species of wild plants

### **ENVIRONMENTAL SCIENCE MB**

Requirement 3e1 Research one endangered species in your state, create a report and present

Requirement 3e2 Research one recovering species, create a report and discuss

Requirement 3e3 Work with a natural resource professional and identify two projects that improve the habitat for threatened or endangered species and visit one site

Requirement 4A & 4B Choose two sites with different environments Mark off a 4 square yard plot in each site, visit each 3 times for 20 minutes  
Study, observe, journal report and discuss

Requirement 6 Find out about career opportunities in environmental science fields  
Learn about education, training, and experience and discuss.

### **BIRD STUDY MB**

Requirement 3 Learn about and use binoculars

Requirement 4 Learn about and use a Bird Field Guide  
Requirement 5 Identify 20 species of birds and prepare a field notebook

Requirement 6 Of the 20 birds identified in requirement 5, learn and identify 5 by their call or song

Requirement 7 Visit a bird site with a bird club

### **REPTILE AND AMPHIBIAN STUDY MB**

Requirement 9b Identify by site 8 species of reptiles or amphibians

### **SOIL AND WATER CONSERVATION MB**

Requirement 7a3 Visit a wildlife refuge and report on soil, water, and energy conservation practices and programs

Requirement 7b Plant 100 trees, bushes, vines, etc. Check with the Refuge Office (Volunteer Coordinator) about planting programs

v. September 2016